

PATENT COOPERATION TREATY

PCT

INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference P 203 PCT 40/bg	FOR FURTHER ACTION see Form PCT/ISA/220 as well as, where applicable, item 5 below.	
International application No. PCT/EP2004/007687	International filing date (day/month/year) 12/07/2004	(Earliest) Priority Date (day/month/year) 11/07/2003
Applicant HEKUMA GMBH		

This International Search Report has been prepared by this International Searching Authority and is transmitted to the applicant according to Article 18. A copy is being transmitted to the International Bureau.

This International Search Report consists of a total of 5 sheets.



It is also accompanied by a copy of each prior art document cited in this report.

1. Basis of the report

- a. With regard to the **language**, the international search was carried out on the basis of the international application in the language in which it was filed, unless otherwise indicated under this item.



The international search was carried out on the basis of a translation of the international application furnished to this Authority (Rule 23.1(b)).

- b. ☐ With regard to any **nucleotide and/or amino acid sequence** disclosed in the international application, see Box No. I.

2. ☐ **Certain claims were found unsearchable** (See Box II).

3. ☒ **Unity of invention is lacking** (see Box III).

4. With regard to the title,



the text is approved as submitted by the applicant.



the text has been established by this Authority to read as follows:

HANDLING SYSTEM FOR AN INJECTION MOLDING MACHINE AND METHOD FOR INSERTING AN INSERT INTO THE INJECTION MOLD

5. With regard to the **abstract**,

the text is approved as submitted by the applicant.



the text has been established, according to Rule 38.2(b), by this Authority as it appears in Box No. IV. The applicant may, within one month from the date of mailing of this international search report, submit comments to this Authority.

6. With regard to the **drawings**,

- a. the figure of the **drawings** to be published with the abstract is Figure No. 2



as suggested by the applicant.



as selected by this Authority, because the applicant failed to suggest a figure.



as selected by this Authority, because this figure better characterizes the invention.

- b. ☐ none of the figures is to be published with the abstract.

BEST AVAILABLE COPY

INTERNATIONAL SEARCH REPORT

International application No.
PCT/EP2004/007687

Box II Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)

This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. ☐ Claims Nos.:
because they relate to subject matter not required to be searched by this Authority, namely:

2. ☐ Claims Nos.:
because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:

3. ☐ Claims Nos.:
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

Box III Observations where unity of invention is lacking (Continuation of item 3 of first sheet)

This International Searching Authority found multiple inventions in this international application, as follows:

see additional sheet

1. ☐ As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.

2. ☐ As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.

3. ☐ As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:

4. ☒ No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

1-8

Remark on Protest

- ☐ The additional search fees were accompanied by the applicant's protest.
- ☐ No protest accompanied the payment of additional search fees.

FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

This International Searching Authority found multiple (groups of) inventions in this international application, as follows:

1. claims: 1-8

Handling system for preforming and inserting a label into a mould.

2. claim: 9

Label preforming apparatus, into which a supporting means is insertable to hold the label until it is securely held by the preforming apparatus.

BEST AVAILABLE COPY

INTERNATIONAL SEARCH REPORT

International Application No

PCT/EP2004/007687

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 B29C45/14

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 B29C

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, PAJ, WPI Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 98/47685 A (POTIER MULLER COLETTE & HF) 29 October 1998 (1998-10-29)	1-3,6,8
Y	page 5, line 3 - page 8, line 24 page 10, line 11 - page 17, line 17; figures 1-36	4,7
Y	----- US 6 372 171 B1 (SORENSEN JENS OLE ET AL) 16 April 2002 (2002-04-16) column 6, line 61 - column 11, line 32; figures 4a-7f	4,7
A	----- PATENT ABSTRACTS OF JAPAN vol. 2000, no. 20, 10 July 2001 (2001-07-10) & JP 2001 062866 A (SAILOR PEN CO LTD:THE), 13 March 2001 (2001-03-13) abstract -----	1-8



Further documents are listed in the continuation of box C.



Patent family members are listed in annex.

* Special categories of cited documents :

"A" document defining the general state of the art which is not considered to be of particular relevance

"E" earlier document but published on or after the international filing date

"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

"O" document referring to an oral disclosure, use, exhibition or other means

"P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

"&" document member of the same patent family

Date of the actual completion of the international search

15 November 2004

Date of mailing of the international search report

14.03.2005

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
Fax: (+31-70) 340-3016

Authorized officer

Lanz, P

BEST AVAILABLE COPY

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/EP2004/007687

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
WO 9847685	A	29-10-1998	FR 2762295 A1	23-10-1998
			AT 229417 T	15-12-2002
			AU 735086 B2	28-06-2001
			AU 7534498 A	13-11-1998
			BR 9809395 A	13-06-2000
			CA 2324449 A1	29-10-1998
			CN 1116975 C	06-08-2003
			DE 69810120 D1	23-01-2003
			DE 69810120 T2	13-11-2003
			EP 1009610 A1	21-06-2000
			ES 2187969 T3	16-06-2003
			WO 9847685 A1	29-10-1998
			IL 132298 A	01-12-2002
			JP 2001521456 T	06-11-2001
			NO 995025 A	17-12-1999
			NZ 500266 A	30-11-2001
			TR 9902589 T2	22-05-2000
			US 6790400 B1	14-09-2004

US 6372171	B1	16-04-2002	US 6086808 A	11-07-2000
			CA 2245656 A1	19-02-1999
			DE 69806455 D1	14-08-2002
			DE 69806455 T2	27-02-2003
			DE 903213 T1	20-04-2000
			EP 0903213 A2	24-03-1999
			JP 11170292 A	29-06-1999

JP 2001062866	A	13-03-2001	JP 3556867 B2	25-08-2004

BEST AVAILABLE COPY